

EXHIBIT 6

PX 593 – COUNT II – Chemical Plant STEERS Events –
Sorted by Pollutant and Emission Limits – Totals Added
– Traceability Codes Added

This exhibit adds one column to the stipulated table in PX 2E; that column is entitled "Number of Days of Violation." The number of days of violation are calculated as follows:

1. 1 day of violation is counted for each 24-hour period an emission event lasts (e.g., 30-hour Duration = 2 days of violation).

2. Because the Baytown Complex permits regulate emissions on a pollutant-by-pollutant basis, days of violation are calculated separately for each regulated air contaminant released in an event. VOCs are grouped together as one pollutant because they are regulated that way (except for benzene, which is regulated separately in the Refinery permit); oxides of Nitrogen are similarly grouped together as one pollutant.

3. To determine whether the emission of any pollutant was unauthorized, the following process was followed:

If the "Limit" column lists the emission limit as "0", a violation is counted for the pollutant emitted.

If the "Limit" column contains a number, a violation is counted only if:

- a. The "Authorization" column says "Not specifically authorized"; or
- b. The "Authorization" column says "portions authorized" or "parts authorized/parts not authorized"; or
- c. The "Amount" released (from all emission points releasing that pollutant) is larger than number in the "Limit" column AFTER dividing the total released (from all sources of that pollutant in the event) by the hours/duration of the event.

4. Because many of the Baytown Complex permits contain flexible emission caps that group emission sources together, only 1 violation per day for each pollutant released in an emission event is counted, regardless of how many emission points in the same event emitted that pollutant.

Tracking Number	Bates Number(s) of STEERS Report	Start Date & Time	TCEQ Reported End Date & Time	Exxon Reported Duration (HR:MIN)	Authorization	Unit	Emission Point	EPN	Contaminant	Reported Amount Released (lbs)	Reported Emission Limit (lbs/hr)	Cause	Number of Days of Violation	Traceability Codes
82255	ETSC 000082 - 000083	10/5/2006 4:00	10/6/2006 8:30	28:30	Not Specifically authorized	Baytown Chemical Plant	Ammonia Dryer	DR-103 A/B	Ammonia	80.00	0.00	Tank seal leak on ammonia gas holder tank. During de-inventory of tank, breakthrough occurred on ammonia dryer, DR-103A/B. Emissions associated with the breakthrough did not exceed the ammonia reportable quantity. Portions of this unit are authorized under NSR permit #20211.	2	
70141	ETSC 000047 - 000048	1/6/2006 20:00	1/8/2006	28:00	Not Specifically authorized	Linear Paraffins Unit	Gas bleeder on gas holder 101		Ammonia	150.00	0.00	Leak on bleeder on gas holder 101 resulting in emissions to the atmosphere. Portions of the LPU unit are authorized under permit #20211.	2	O-RQ
												TOTAL - AMMONIA - LIMIT 0 - PERMIT 20211	4	2
113885	ETSC 000112 - 000114	9/11/2008 11:00	9/17/2008 6:00	139:00	Not Specifically authorized	Chemical Plant	Flare Stack 28	F528	Ammonia	0.90	0.00	Scheduled shutdown of ExxonMobil Baytown Chemical Plant (BTCP) due to approach of Hurricane Ike. Portions of these units are permitted under Permits #20211, 4600 and #36476.	6	
												TOTAL - AMMONIA - LIMIT 0 - PERMIT 36476	6	
82255	ETSC 000082 - 000083	10/5/2006 4:00	10/6/2006 8:30	28:30	Flexible Permit No.: 20211	Linear Paraffins Unit	Gas Holder 101	GH-101	Ammonia	228.00	1.67	Tank seal leak on ammonia gas holder tank. During de-inventory of tank, breakthrough occurred on ammonia dryer, DR-103A/B. Emissions associated with the breakthrough did not exceed the ammonia reportable quantity. Portions of this unit are authorized under NSR permit #20211.		O-RQ
												NO REPEATED VIOLATION		
133644	ETSC 000139 - 000140	12/23/2009 2:00	12/23/2009 17:30	15:30	0.03 lbs of the 0.03 lbs are authorized (Permit #36476	SYNGAS Unit, SGU FS28	Flare Stack 28	FS28	Ammonia	0.20	5.21	During a planned unit startup, a restriction in a line resulted in flaring above permitted MSS hourly limits from Flare Stack 28. Hourly MSS permit limit for COS exceeded in the 04:00-4:59 clock hour but no RQs exceeded during this time period. During the 05:00-05:59 clock hour, H2S and SO2 hourly MSS permit limits were exceeded as well as the SO2 RQ. Portions of the unit are authorized under Permit #36476, PSD-TX 996M. Emissions event has ended.	1	
												TOTAL - AMMONIA - LIMIT 5.21 - PERMIT 36476	1	
77173	ETSC 000092 - 000093	6/15/2006 2:59	6/15/2006 3:17	0:18	Not Specifically authorized	Chemical Administration Building	Chemical Administration Building		Carbon Monoxide	758.00	0.00	Wood lawn structure caught fire and burned to ground. The structure is not part of an operating unit or process. The fire exceeded the opacity limit of 30 TAC 111.111(a)(8)(A).	1	F
91125	ETSC 000071 - 000072	5/14/2007 7:05	5/18/2007 13:20	102:15	No specific emissions authorizations for this facility	Butyl Plant	Flare Stack 12	FS12	Carbon Monoxide	1,133.00	0.00	High vibration in compressor C-1 (methyl chloride compressor) resulted in multiple shutdowns. Portions of the Butyl Plant are authorized under Flexible Permits No. 4600 and 20211.	5	F, H
91743	ETSC 000069 - 000070	5/28/2007 11:15	5/30/2007 1:50	38:35	Not Specifically authorized	Butyl Plant	Flare Stack 12	FS12	Carbon Monoxide	30.00	0.00	Methyl chloride and hexane entered a compressor knockout drum during a unit startup resulting in flaring. Event has ended. Portions of the Butyl Plant are authorized under Flexible Permits No. 4600 and 20211. Event started at 6:50pm on 5/27/07, but did not become reportable until 5/28/07 at 12:05. Main flaring ceased at ~18:50 5/27/07. A small amount of flaring occurred the next day (5/29/07) but did not exceed any RQs. This 5/29/07 flaring is also included because it is associated with the 5/27/07 flaring. Hours listed in Duration section do not include time periods.	2	F, H
113885	ETSC 000112 - 000114	9/11/2008 11:00	9/17/2008 6:00	139:00	Not Specifically authorized	Chemical Plant	Flare Stack 12	FS12	Carbon Monoxide	161.00	0.00	Scheduled shutdown of ExxonMobil Baytown Chemical Plant (BTCP) due to approach of Hurricane Ike. Portions of these units are permitted under Permits #20211, 4600 and #36476.	already counted	
												TOTAL - CO - LIMIT 0 - PERMIT 20211	8	8
99726	ETSC 000059 - 000060	11/6/2007 1:42	11/6/2007 8:15	6:33	Not Specifically authorized	Propylene Concentration Unit	Flare Stack 23	FS23	Carbon Monoxide	403.70	0.00	During line re-inventory, pump shutdown resulted in flaring. Event has ended. Portions of the PCU are authorized under permit #4600.	1	F, H
88629	ETSC 000073 - 000074	3/20/2007 20:40	3/21/2007 2:29	5:49	Not Specifically authorized	Polypropylene Unit: Line 8	Flare stack 23	FS23	Carbon Monoxide	120.00	0.00	Compressor C-8745 shut down due to a fault in a low suction pressure switch. The event has ended. Portions of the Propylene Unit are authorized under Permit Nos. 4600 and 8586.	1	F, H
83779	ETSC 000079 - 000080	11/12/2006 8:47	11/12/2006 10:55	2:08	Not Specifically authorized	Polypropylene Unit: Line 8	Flare Stack 23	FS23	Carbon Monoxide	153.00	0.00	Safety relief valve on the 8753B transfer system relieved early. Portions of the Polypropylene Unit are authorized under Permit Nos. 4600 & 8586.	1	F, H
92944	ETSC 000067 - 000068	6/20/2007 17:00	6/20/2007 17:45	0:45	Not Specifically authorized	Polypropylene Unit: Line 8	Flare Stack 23	FS23	Carbon Monoxide	0.90	0.00	Pump seal leak. The event has ended. Portions of the Polypropylene Unit are authorized under Permit Nos. 4600 and 8586.	1	
113885	ETSC 000112 - 000114	9/11/2008 11:00	9/17/2008 6:00	139:00	Not Specifically authorized	Chemical Plant	Flare Stack 23	FS23	Carbon Monoxide	2,659.20	0.00	Scheduled shutdown of ExxonMobil Baytown Chemical Plant (BTCP) due to approach of Hurricane Ike. Portions of these units are permitted under Permits #20211, 4600 and #36476.	already counted	
77100	ETSC 000094 - 000095	6/14/2006 4:37	6/14/2006 9:10	4:33	Not Specifically authorized	Polypropylene Unit: Line 8	Flare Stack 23	FS23	Carbon Monoxide	523.00	0.00	Solenoid coil failure on reactor diverter valve, resulting in propylene flaring. Portions of this unit are authorized under permit #4600.	1	F, H
113885	ETSC 000112 - 000114	9/11/2008 11:00	9/17/2008 6:00	139:00	Not Specifically authorized	Chemical Plant	Flare Stack 24	FS24	Carbon Monoxide	111.20	0.00	Scheduled shutdown of ExxonMobil Baytown Chemical Plant (BTCP) due to approach of Hurricane Ike. Portions of these units are permitted under Permits #20211, 4600 and #36476.	6	F, H
76346	ETSC 000097 - 000098	5/25/2006 6:44	5/25/2006 20:00	13:16	Not Specifically authorized	Compressor C-8745; BAPP Line 8	Flare Stack 24	FS24	Carbon Monoxide	161.00	0.00	Compressor C-8745 malfunctioned during a controlled shutdown of Line 8 and caused venting to flare stack 24. Portions of this unit are authorized under permit 4600.	1	F, H
99726	ETSC 000059 - 000060	11/6/2007 1:42	11/6/2007 8:15	6:33	Not Specifically authorized	Propylene Concentration Unit	Flare Stack 24	FS24	Carbon Monoxide	341.80	0.00	During line re-inventory, pump shutdown resulted in flaring. Event has ended. Portions of the PCU are authorized under permit #4600.	already counted	
77100	ETSC 000094 - 000095	6/14/2006 4:37	6/14/2006 9:10	4:33	Not Specifically authorized	Polypropylene Unit: Line 8	Flare Stack 24	FS24	Carbon Monoxide	6.00	0.00	Solenoid coil failure on reactor diverter valve, resulting in propylene flaring. Portions of this unit are authorized under permit #4600.	already counted	
68234	ETSC 000049 - 000050	11/17/2005 22:45	11/18/2005 3:00	4:15	Not Specifically authorized	Propylene Concentration Unit	FS23	FS23	Carbon Monoxide	145.00	0.00	PCU motors C125 and C-130 shutoff due to internal failures resulting in flaring. Portions of PCU are authorized under Permit 4600 and Permit 9571.	1	F, H
68234	ETSC 000049 - 000050	11/17/2005 22:45	11/18/2005 3:00	4:15	Not Specifically authorized	Propylene Concentration Unit	FS24	FS24	Carbon Monoxide	12.00	0.00	PCU motors C125 and C-130 shutoff due to internal failures resulting in flaring. Portions of PCU are authorized under Permit 4600 and Permit 9571.	already counted	
												TOTAL - CO - LIMIT 0 - PERMIT 4600	13	12
95950	ETSC 000065 - 000066	8/15/2007 3:40	8/15/2007 4:22	0:42	No specific emissions authorizations for this facility	Syngas Unit	Flare Stack 28	FS28	Carbon Monoxide	63.00	0.00	During a rainstorm a lightning strike caused a temporary power disruption which resulted in damage to electrical components of the acid gas grid system. This damage lead to intermittent flaring. Duration of emissions was 42 minutes. Syngas Unit is authorized by Permit #36476/PSD-TX-996M1. Date Start Stop Duration 8/15/2007 3:18 3:21 j)3 min 8/15/2007 3:23 3:32 0:09 min 8/16/2007 14:03 14:11 0:08 min 8/16/2007 15:22 15:27 0:05 min 8/16/2007 15:36 15:39 0:03 min 8/16/2007 15:42 15:50 0:08 min 8/16/2007 15:51 15:57 0:06.	1	F, H
113885	ETSC 000112 - 000114	9/11/2008 11:00	9/17/2008 6:00	139:00	Not Specifically authorized	Chemical Plant	Flare Stack 28	FS28	Carbon Monoxide	508.10	0.00	Scheduled shutdown of ExxonMobil Baytown Chemical Plant (BTCP) due to approach of Hurricane Ike. Portions of these units are permitted under Permits #20211, 4600 and #36476.	already counted	
												TOTAL - CO - LIMIT 0 - PERMIT 36476	1	1
68234	ETSC 000049 - 000050	11/17/2005 22:45	11/18/2005 3:00	4:15	Not Specifically authorized	Propylene Concentration Unit	FS9	FS9	Carbon Monoxide	84.00	0.00	PCU motors C125 and C-130 shutoff due to internal failures resulting in flaring. Portions of PCU are authorized under Permit 4600 and Permit 9571.	already counted	
												NO REPEATED VIOLATION		
127839	ETSC 000134 - 000138; EOMCS 00232149 - 00232165	8/6/2009 14:45	8/7/2009 2:09	11:24	1 lb of 1 lb is authorized by Permit 5259	Baytown Chemical Plant	NRU Furnace F9B	F9ANRU	Carbon Monoxide	1.00	0.30	Power surge and subsequent stabilization of operations lead to controlled partial shutdown and startup of various units. Portions of these units are permitted under Permits #20211, 4600 and #36476.		
												NO REPEATED VIOLATION		
126665	ETSC 000130 - 000131	7/10/2009 13:00	7/10/2009 21:00	8:00	Not Specifically authorized	BAPP; FLARE LOOP	Flare Stack 24	FS24	Carbon Monoxide	47.70	7.20	Propylene flush to RS101 open during RS101 purge (Permit # 8586).	already counted	
												NO REPEATED VIOLATION		
143387	ETSC 000147 - 000148	8/10/2010 10:26	8/11/2010 2:38	16:12	0 lbs of the total .19 lbs are authorized under permit # 20211	Butyl Polymer Baytown Plant, BPB	Flare Stack 12	FS12	Carbon Monoxide	0.19	67.73	Loss of compressor electrical motor for C-1 (methyl chloride compressor) resulted in shutdown of Butyl Polymer Plant. Portions of the unit emissions are authorized under Permit No. 20211.	1	

133644	ETSC 000139 - 000140	12/23/2009 2:00	12/23/2009 17:30	15:30	21.60 lbs of the 38.64 lbs are authorized (Permit #36476)	SYNGAS Unit, SGU FS28	Flare Stack 28	FS28	Carbonyl Sulfide	38.64	1.80	During a planned unit startup, a restriction in a line resulted in flaring above permitted MSS hourly limits from Flare Stack 28. Hourly MSS permit limit for COS exceeded in the 04:00-4:59 clock hour but no RQs exceeded during this time period. During the 05:00-05:59 clock hour, H2S and SO2 hourly MSS permit limits were exceeded as well as the SO2 RQ. Portions of the unit are authorized under Permit #36476, PSD-TX 996M. Emissions event has ended.	1	F, R-NZ
155989	ETSC 000157 - 000158	6/21/2011 10:25	6/21/2011 23:19	12:54	2.34 lbs out of the total 3.16 lbs are authorized under Permit #36476	SYNGAS Unit (SGU)	Flare Stack 28	FS28	Carbonyl Sulfide	0.83	1.80	Power disturbance caused Train 2 to trip resulting in Syngas and Air products unit shutdowns and subsequent flaring. Portions of the unit emissions are authorized under Permit #36476.	1	
147288	ETSC 000149 - 000150	11/11/2010 5:03	11/11/2010 8:16	3:13	2.6 lbs of the 5.4 lbs are authorized (Permit #36476)	SYNGAS Unit (SGU) / Air Products and Chemicals	Flare Stack 28	FS28	Carbonyl Sulfide	2.90	1.80	Unit shutdown at Air Products (APCI) resulted in flaring at Flare Stack 28. The SO2 RW was not exceeded until 11/11/10 05:45. Portions of the unit are authorized under Permit #36476, PSD-TX 996M1. Emissions event has ended.	1	F
102876	ETSC 000106 - 000107	1/26/2008 10:50	1/26/2008 13:55	3:05	Permit Nos. 36476 & PSD-TX-996M1 (Unauthorized = 3.0lbs)	Synthesis Gas Unit	Flare Stack 28	FS28	Carbonyl Sulfide	8.40	1.80	Control Valve malfunction resulted in flaring.	1	F, R-NZ
140499	ETSC 000141 - 000142	6/2/2010 10:30	6/2/2010 10:45	0:15	Portions may be authorized under the Permit #36476	SYNGAS Unit, Air Products and Chemicals, Inc. APCI	Flare Stack 28	FS28	Carbonyl Sulfide	1.53	1.80	During a strainer change at APCI, a pump cavitated. The subsequent unit upset resulted in acid gas flaring at FS28. This event has ended. Portions of the unit emissions are authorized by Permit #36476.	1	F
												TOTAL - COS - LIMIT 1.80 - PERMIT 36476	5	4
113885	ETSC 000112 - 000114	9/11/2008 11:00	9/17/2008 6:00	139:00	Not Specifically authorized	Chemical Plant	Flare Stack 12	FS12	Hydrochloric acid	3,821.00	0.00	Scheduled shutdown of ExxonMobil Baytown Chemical Plant (BTCP) due to approach of Hurricane Ike. Portions of these units are permitted under Permits #20211, 4600 and #36476.	6	F
												SUBTOTAL of HYDROGEN CHLORIDE - LIMIT 0 - PERMIT 20211	6	6
152760	ETSC 000155 - 000156	4/1/2011 3:57	4/1/2011 7:04	3:07	10.56 lbs of the total 6653.43 lbs are authorized under Permit #20211	Butyl Polymer Baytown Plant	Flare Stack 12	FS12	Hydrochloric acid	6,642.87	1,132.10	Methyl chloride compressor C-1 tripped, resulting in subsequent flaring. Portions of the unit emissions are authorized under Permit No. 20211.	1	F, R-NZ, R-RQ, R-M
												SUBTOTAL of HYDROGEN CHLORIDE - LIMIT 1132.10 - PERMIT 20211	1	1
68191	ETSC 000051 - 000052	11/17/2005 6:05	11/17/2005 10:05	4:00	Not Specifically authorized	Butyl Polymers Unit	Catalyst regulator valve	EF-003	Hydrogen Chloride	1.00	0.00	Valve packing failure on catalyst control valve (EF-003). Portions of the Butyl Polymers plant are authorized under permit #20211.	1	
91125	ETSC 000071 - 000072	5/14/2007 7:05	5/18/2007 13:20	102:15	No specific emissions authorizations for this facility	Butyl Plant	Flare Stack 12	FS12	Hydrogen Chloride	132,538.00	0.00	High vibration in compressor C-1 (methyl chloride compressor) resulted in multiple shutdowns. Portions of the Butyl Plant are authorized under Flexible Permits No. 4600 and 20211.	5	F, R-RQ
91743	ETSC 000069 - 000070	5/28/2007 11:15	5/30/2007 1:50	38:35	Not Specifically authorized	Butyl Plant	Flare Stack 12	FS12	Hydrogen Chloride	4,323.00	0.00	Methyl chloride and hexane entered a compressor knockout drum during a unit startup resulting in flaring. Event has ended. Portions of the Butyl Plant are authorized under Flexible Permits No. 4600 and 20211. Event started at 6:50pm on 5/27/07, but did not become reportable until 5/28/07 at 12:05. Main flaring ceased at ~18:50 5/2/07. A small amount of flaring occurred the next day (5/29/07) but did not exceed any RQs. This 5/29/07 flaring is also included because it is associated with the 5/27/07 flaring. Hours listed in Duration section do not include time periods when there were no unauthorized emissions.	2	F
												SUBTOTAL of HYDROGEN CHLORIDE - LIMIT 0 - PERMIT 20211	8	7
78040	ETSC 000090 - 000091	7/2/2006 18:10	7/3/2006 16:10	22:00	Permit 20211	Butyl Polymers Unit; Rubber Holding Tank	Flare 12	FS12	Hydrogen Chloride	46,681.00	1,061.34	The inlet piping to the Butyl Finishing area Regenerative Thermal Oxidizer (RGTO) overpressured and burst. There were several small fires associated with this event. Power was lost to a portion of the Butyl Polymers plant and a partial unit shutdown was initiated. To maintain safe operating pressures within the equipment, the diluent system was depressured to the flare (FS12) resulting in methyl chloride, hydrogen chloride and products of combustion emissions. In addition, there were emissions associated with the unfinished rubber remaining in the process equipment. These emissions were from the open inlet piping associated with the RGTO and a rubber holding tank (TK0030) adjacent to the rubber finishing area. This unit is permitted in part by Permit 20211.	1	F, R-NZ, R-RQ, R-M
143387	ETSC 000147 - 000148	8/10/2010 10:26	8/11/2010 2:38	16:12	56.82 lbs of the total 9042.8 lbs are authorized under permit # 20211	Butyl Polymer Baytown Plant, BPB	Flare Stack 12	FS12	Hydrogen Chloride	8,985.98	1,132.10	Loss of compressor electrical motor for C-1 (methyl chloride compressor) resulted in shutdown of Butyl Polymer Plant. Portions of the unit emissions are authorized under Permit No. 20211.	1	F, R-RQ
166583	ETSC 068631 - 068632	3/29/2012 0:04	3/29/2012 9:59	9:55	11321.00 lbs of the 20500.68 lbs are authorized by Permit 20211	Butyl Plant	Flare Stack 12	FS12	Hydrogen Chloride	9,179.68	1,132.10	Compressor C-1 (methyl chloride compressor) tripped. Portions of the Butyl Plant emissions were authorized by permit #20211. This event has ended.	1	F, R-RQ
												SUBTOTAL of HYDROGEN CHLORIDE - LIMIT 1061 & 11322 - PERMIT 20211	3	3
95950	ETSC 000065 - 000066	8/15/2007 3:40	8/15/2007 4:22	0:42	No specific emissions authorizations for this facility	Syngas Unit	Flare Stack 28	FS28	Hydrogen cyanide	0.10	0.00	During a rainstorm a lightning strike caused a temporary power disruption which resulted in damage to electrical components of the acid gas grid system. This damage lead to intermittent flaring. Duration of emissions was 42 minutes. Syngas Unit is authorized by Permit #36476/PSD-TX-996M1. Date Start Stop Duration 8/15/2007 3:18 3:21););3 min 8/15/2007 3:23 3:32 0:09 min 8/16/2007 14:03 14:11 0:08 min 8/16/2007 15:22 15:27 0:05 min 8/16/2007 15:36 15:39 0:03 min 8/16/2007 15:42 15:50 0:08 min 8/16/2007 15:51 15:57 0:06.	1	
												NO REPEATED VIOLATION		
127416	ETSC 000132 - 000133	7/28/2009 21:40	7/28/2009 22:12	0:32	0.1 lbs of the 0.29 lbs are authorized (Permit #36476)	SYNGAS Unit	Flare Stack 28	FS28	Hydrogen Cyanide	0.29	0.10	A spike in nitrogen pressure of key control valves lead to an automated diversion of a stream from the Clause system to flare stack 28 (permit # 36476, PSD-TX-996M1) for 37 minutes.	1	F, R-NZ
173019	ETSC 072777 - 072778	9/1/2012 4:57	9/1/2012 5:18	0:21	0.023 of 0.095 lbs are authorized under Permit #36476/PSD-TX-996M1	Syngas Unit	Flare Stack 28	FS28	Hydrogen Cyanide	0.07	0.10	Malfunction of control valve at Air Products Plant which led to flaring at FS-28. Portions of the emissions are authorized by permit number 36476/PSD-TX-996M1.	1	
												TOTAL - HCN - LIMIT 0.10 - PERMIT 36476	2	1
133644	ETSC 000139 - 000140	12/23/2009 2:00	12/23/2009 17:30	15:30	340.46 lbs of the 510.96 lbs are authorized (Permit #36476	SYNGAS Unit, SGU FS28	Flare Stack 28	FS28	Hydrogen Cyanide	4.03	3.31	During a planned unit startup, a restriction in a line resulted in flaring above permitted MSS hourly limits from Flare Stack 28. Hourly MSS permit limit for COS exceeded in the 04:00-4:59 clock hour but no RQs exceeded during this time period. During the 05:00-05:59 clock hour, H2S and SO2 hourly MSS permit limits were exceeded as well as the SO2 RQ. Portions of the unit are authorized under Permit #36476, PSD-TX 996M. Emissions event has ended.	1	F
												TOTAL - HCN - LIMIT 3.31 - PERMIT 36476		
113885	ETSC 000112 - 000114	9/11/2008 11:00	9/17/2008 6:00	139:00	Not Specifically authorized	Chemical Plant	Flare Stack 28	FS28	Hydrogen Sulfide	5.10	0.00	Scheduled shutdown of ExxonMobil Baytown Chemical Plant (BTCP) due to approach of Hurricane Ike. Portions of these units are permitted under Permits #20211, 4600 and #36476.	6	F
95950	ETSC 000065 - 000066	8/15/2007 3:40	8/15/2007 4:22	0:42	No specific emissions authorizations for this facility	Syngas Unit	Flare Stack 28	FS28	Hydrogen Sulfide	42.00	0.00	During a rainstorm a lightning strike caused a temporary power disruption which resulted in damage to electrical components of the acid gas grid system. This damage lead to intermittent flaring. Duration of emissions was 42 minutes. Syngas Unit is authorized by Permit #36476/PSD-TX-996M1. Date Start Stop Duration 8/15/2007 3:18 3:21););3 min 8/15/2007 3:23 3:32 0:09 min 8/16/2007 14:03 14:11 0:08 min 8/16/2007 15:22 15:27 0:05 min 8/16/2007 15:36 15:39 0:03 min 8/16/2007 15:42 15:50 0:08 min 8/16/2007 15:51 15:57 0:06.	1	F
												TOTAL - HYDROGEN SULFIDE - LIMIT 0 - PERMIT 36476	7	7
127416	ETSC 000132 - 000133	7/28/2009 21:40	7/28/2009 22:12	0:32	0.7 lbs of the 18.97 lbs are authorized (Permit #36476)	SYNGAS Unit	Flare Stack 28	FS28	Hydrogen Sulfide	17.59	0.70	A spike in nitrogen pressure of key control valves lead to an automated diversion of a stream from the Clause system to flare stack 28 (permit # 36476, PSD-TX-996M1) for 37 minutes.	1	F, R-NZ
173019	ETSC 072777 - 072778	9/1/2012 4:57	9/1/2012 5:18	0:21	1.4 of 70.2 lbs are authorized under Permit #36476/PSD-TX-996M1	Syngas Unit	Flare Stack 28	FS28	Hydrogen Sulfide	68.80	0.70	Malfunction of control valve at Air Products Plant which led to flaring at FS-28. Portions of the emissions are authorized by permit number 36476/PSD-TX-996M1.	1	F, R-NZ
												TOTAL - HYDROGEN SULFIDE - LIMIT 0.70 - PERMIT 36476	2	2

133644	ETSC 000139 - 000140	12/23/2009 2:00	12/23/2009 17:30	15:30	340.46 lbs of the 550.69 lbs are authorized (Permit #36476)	SYNGAS Unit, SGU FS28	Flare Stack 28	FS28	Hydrogen Sulfide	550.69	28.40	During a planned unit startup, a restriction in a line resulted in flaring above permitted MSS hourly limits from Flare Stack 28. Hourly MSS permit limit for COS exceeded in the 04:00-4:59 clock hour but no RQs exceeded during this time period. During the 05:00-05:59 clock hour, H2S and SO2 hourly MSS permit limits were exceeded as well as the SO2 RQ. Portions of the unit are authorized under Permit #36476, PSD-TX 996M. Emissions event has ended.	1	F, R-NZ, R-RQ
155989	ETSC 000157 - 000158	6/21/2011 10:25	6/21/2011 23:19	12:54	37.3 lbs out of the total 52.41 lbs are authorized under Permit #36476	SYNGAS Unit (SGU)	Flare Stack 28	FS28	Hydrogen Sulfide	15.11	28.40	Power disturbance caused Train 2 to trip resulting in Syngas and Air products unit shutdowns and subsequent flaring. Portions of the unit emissions are authorized under Permit #36476.	1	F
147288	ETSC 000149 - 000150	11/11/2010 5:03	11/11/2010 8:16	3:13	40.4 lbs of the 78.3 lbs are authorized (Permit #36476)	SYNGAS Unit (SGU) / Air Products and Chemicals	Flare Stack 28	FS28	Hydrogen Sulfide	37.90	28.40	Unit shutdown at Air Products (APCI) resulted in flaring at Flare Stack 28. The SO2 RW was not exceeded until 11/11/10 05:45. Portions of the unit are authorized under Permit #36476, PSD-TX 996M1. Emissions event has ended.	1	F
102876	ETSC 000106 - 000107	1/26/2008 10:50	1/26/2008 13:55	3:05	Permit Nos. 36476 & PSD-TX-996M1 (Unauthorized = 35.9lbs)	Synthesis Gas Unit	Flare Stack 28	FS28	Hydrogen Sulfide	118.00	28.40	Control Valve malfunction resulted in flaring.	1	F, R-NZ, R-RQ
140499	ETSC 000141 - 000142	6/2/2010 10:30	6/2/2010 10:45	0:15	Portions may be authorized under the Permit #36476	SYNGAS Unit, Air Products and Chemicals, Inc. APCI	Flare Stack 28	FS28	Hydrogen Sulfide	21.82	28.40	During a strainer change at APCI, a pump cavitated. The subsequent unit upset resulted in acid gas flaring at FS28. This event has ended. Portions of the unit emissions are authorized by Permit #36476.	1	F
												TOTAL - HYDROGEN SULFIDE - LIMIT 28.40 - PERMIT 36476	5	5
173019	ETSC 072777 - 072778	9/1/2012 4:57	9/1/2012 5:18	0:21	0.004 of 0.018 lbs are authorized under Permit #36476/PSD-TX-996M1	Syngas Unit	Flare Stack 28	FS28	Methanol	0.01	0.10	Malfunction of control valve at Air Products Plant which led to flaring at FS-28. Portions of the emissions are authorized by permit number 36476/PSD-TX-996M1.	1	
												NO REPEATED VIOLATION		
133644	ETSC 000139 - 000140	12/23/2009 2:00	12/23/2009 17:30	15:30	0.7 lbs of the 0.7 lbs are authorized (Permit #36476)	SYNGAS Unit, SGU FS28	Flare Stack 28	FS28	Methanol	0.77	3.31	During a planned unit startup, a restriction in a line resulted in flaring above permitted MSS hourly limits from Flare Stack 28. Hourly MSS permit limit for COS exceeded in the 04:00-4:59 clock hour but no RQs exceeded during this time period. During the 05:00-05:59 clock hour, H2S and SO2 hourly MSS permit limits were exceeded as well as the SO2 RQ. Portions of the unit are authorized under Permit #36476, PSD-TX 996M. Emissions event has ended.		
												NO REPEATED VIOLATION		
78040	ETSC 000090 - 000091	7/2/2006 18:10	7/3/2006 16:10	22:00	Permit 20211	Butyl Polymers Unit; Rubber Holding Tank	Flare 12	FS12	Methyl Chloride	1,319.00	2,145.63	The inlet piping to the Butyl Finishing area Regenerative Thermal Oxidizer (RGTO) overpressured and burst. There were several small fires associated with this event. Power was lost to a portion of the Butyl Polymers plant and a partial unit shutdown was initiated. To maintain safe operating pressures within the equipment, the diluent system was depressured to the flare (FS12) resulting in methyl chloride, hydrogen chloride and products of combustion emissions. In addition, there were emissions associated with the unfinished rubber remaining in the process equipment. These emissions were from the open inlet piping associated with the RGTO and a rubber holding tank (TK0030) adjacent to the rubber finishing area. This unit is permitted in part by Permit 20211.		
												NO REPEATED VIOLATION		
76346	ETSC 000097 - 000098	5/25/2006 6:44	5/25/2006 20:00	13:16	Not Specifically authorized	Compressor C-8745; BAPP Line 8	Flare 24	FS24	Nitrogen Oxides	21.00	0.00	Compressor C-8745 malfunctioned during a controlled shutdown of Line 8 and caused venting to flare stack 24. Portions of this unit are authorized under permit 4600.	1	F, H
												SUBTOTAL OF NOX - LIMIT 0 - PERMIT 4600	1	1
173019	ETSC 072777 - 072778	9/1/2012 4:57	9/1/2012 5:18	0:21	3.6 of 8.6 lbs are authorized under Permit #36476/PSD-TX-996M1	Syngas Unit	Flare Stack 28	FS28	Nitrogen Oxides	5.00	3.00	Malfunction of control valve at Air Products Plant which led to flaring at FS-28. Portions of the emissions are authorized by permit number 36476/PSD-TX-996M1.	1	F, H, R-NZ
												SUBTOTAL OF NOX - LIMIT 3.00 - PERMIT 36476	1	1
91125	ETSC 000071 - 000072	5/14/2007 7:05	5/18/2007 13:20	102:15	No specific emissions authorizations for this facility	Butyl Plant	Flare Stack 12	FS12	NOX	163.00	0.00	High vibration in compressor C-1 (methyl chloride compressor) resulted in multiple shutdowns. Portions of the Butyl Plant are authorized under Flexible Permits No. 4600 and 20211.	5	F, H
91743	ETSC 000069 - 000070	5/28/2007 11:15	5/30/2007 1:50	38:35	Not Specifically authorized	Butyl Plant	Flare Stack 12	FS12	NOX	6.00	0.00	Methyl chloride and hexane entered a compressor knockout drum during a unit startup resulting in flaring. Event has ended. Portions of the Butyl Plant are authorized under Flexible Permits No. 4600 and 20211. Event started at 6:50pm on 5/27/07, but did not become reportable until 5/28/07 at 12:05. Main flaring ceased at ~18:50 5/2/07. A small amount of flaring occurred the next day (5/29/07) but did not exceed any RQs. This 5/29/07 flaring is also included because it is associated with the 5/27/07 flaring. Hours listed in Duration section do not include time periods when there were no unauthorized emissions.	2	F, H
113885	ETSC 000112 - 000114	9/11/2008 11:00	9/17/2008 6:00	139:00	Not Specifically authorized	Chemical Plant	Flare Stack 12	FS12	NOX	31.00	0.00	Scheduled shutdown of ExxonMobil Baytown Chemical Plant (BTCP) due to approach of Hurricane Ike. Portions of these units are permitted under Permits #20211, 4600 and #36476.	already counted	
												SUBTOTAL OF NOX - LIMIT 0 - PERMIT 20211	7	7
99726	ETSC 000059 - 000060	11/6/2007 1:42	11/6/2007 8:15	6:33	Not Specifically authorized	Propylene Concentration Unit	Flare Stack 23	FS23	NOX	55.90	0.00	During line re-inventory, pump shutdown resulted in flaring. Event has ended. Portions of the PCU are authorized under permit #4600.	1	F, H
88629	ETSC 000073 - 000074	3/20/2007 20:40	3/21/2007 2:29	5:49	Not Specifically authorized	Polypropylene Unit: Line 8	Flare stack 23	FS23	NOX	17.00	0.00	Compressor C-8745 shut down due to a fault in a low suction pressure switch. The event has ended. Portions of the Propylene Unit are authorized under Permit Nos. 4600 and 8586.	1	F, H
83779	ETSC 000079 - 000080	11/12/2006 8:47	11/12/2006 10:55	2:08	Not Specifically authorized	Polypropylene Unit: Line 8	Flare Stack 23	FS23	NOX	21.00	0.00	Safety relief valve on the 8753B transfer system relieved early. Portions of the Polypropylene Unit are authorized under Permit Nos. 4600 & 8586.	1	F, H
92944	ETSC 000067 - 000068	6/20/2007 17:00	6/20/2007 17:45	0:45	Not Specifically authorized	Polypropylene Unit: Line 8	Flare Stack 23	FS23	NOX	0.10	0.00	Pump seal leak. The event has ended. Portions of the Polypropylene Unit are authorized under Permit Nos. 4600 and 8586.	1	
113885	ETSC 000112 - 000114	9/11/2008 11:00	9/17/2008 6:00	139:00	Not Specifically authorized	Chemical Plant	Flare Stack 23	FS23	NOX	480.00	0.00	Scheduled shutdown of ExxonMobil Baytown Chemical Plant (BTCP) due to approach of Hurricane Ike. Portions of these units are permitted under Permits #20211, 4600 and #36476.	already counted	
113885	ETSC 000112 - 000114	9/11/2008 11:00	9/17/2008 6:00	139:00	Not Specifically authorized	Chemical Plant	Flare Stack 24	FS24	NOX	20.40	0.00	Scheduled shutdown of ExxonMobil Baytown Chemical Plant (BTCP) due to approach of Hurricane Ike. Portions of these units are permitted under Permits #20211, 4600 and #36476.	6	F, H
99726	ETSC 000059 - 000060	11/6/2007 1:42	11/6/2007 8:15	6:33	Not Specifically authorized	Propylene Concentration Unit	Flare Stack 24	FS24	NOX	47.30	0.00	During line re-inventory, pump shutdown resulted in flaring. Event has ended. Portions of the PCU are authorized under permit #4600.	already counted	
												SUBTOTAL OF NOX - LIMIT 0 - PERMIT 4600	10	9
95950	ETSC 000065 - 000066	8/15/2007 3:40	8/15/2007 4:22	0:42	No specific emissions authorizations for this facility	Syngas Unit	Flare Stack 28	FS28	NOX	8.00	0.00	During a rainstorm a lightning strike caused a temporary power disruption which resulted in damage to electrical components of the acid gas grid system. This damage lead to intermittent flaring. Duration of emissions was 42 minutes. Syngas Unit is authorized by Permit #36476/PSD-TX-996M1. Date Start Stop Duration 8/15/2007 3:18 3:21 :);3 min 8/15/2007 3:23 3:32 0:09 min 8/16/2007 14:03 14:11 0:08 min 8/16/2007 15:22 15:27 0:05 min 8/16/2007 15:36 15:39 0:03 min 8/16/2007 15:42 15:50 0:08 min 8/16/2007 15:51 15:57 0:06.	1	F, H
113885	ETSC 000112 - 000114	9/11/2008 11:00	9/17/2008 6:00	139:00	Not Specifically authorized	Chemical Plant	Flare Stack 28	FS28	NOX	12.90	0.00	Scheduled shutdown of ExxonMobil Baytown Chemical Plant (BTCP) due to approach of Hurricane Ike. Portions of these units are permitted under Permits #20211, 4600 and #36476.	already counted	
												SUBTOTAL OF NOX - LIMIT 0 - PERMIT 36476	1	1
126665	ETSC 000130 - 000131	7/10/2009 13:00	7/10/2009 21:00	8:00	Not Specifically authorized	BAPP; FLARE LOOP	Flare Stack 24	FS24	NOX	6.60	1.00	Propylene flush to R5101 open during R5101 purge (Permit # 8586).	already counted	
												NO REPEATED VIOLATION		
127416	ETSC 000132 - 000133	7/28/2009 21:40	7/28/2009 22:12	0:32	3 lbs of the 7.24 lbs are authorized (Permit #36476)	SYNGAS Unit	Flare Stack 28	FS28	NOX	7.24	3.00	A spike in nitrogen pressure of key control valves lead to an automated diversion of a stream from the Clause system to flare stack 28 (permit # 36476, PSD-TX-996M1) for 37 minutes.	1	F, H, R-NZ
												SUBTOTAL OF NOX - LIMIT 3.00 - PERMIT 36476	1	1
126665	ETSC 000130 - 000131	7/10/2009 13:00	7/10/2009 21:00	8:00	Not Specifically authorized	BAPP; FLARE LOOP	Flare Stack 23	FS23	NOX	71.20	10.80	Propylene flush to R5101 open during R5101 purge (Permit # 8586).	1	F, H
												NO REPEATED VIOLATION		
127839	ETSC 000134 - 000138; EOMCS 00232149 - 00232165	8/6/2009 14:45	8/7/2009 2:09	11:24	8 of 8 lbs are authorized by Permit 5259	Baytown Chemical Plant	NRU Furnace F9B	F9ANRU	NOX	8.00	11.27	Power surge and subsequent stabilization of operations lead to controlled partial shutdown and startup of various units. Portions of these units are permitted under Permits #20211, 4600 and #36476.		
												NO REPEATED VIOLATION		

143387	ETSC 000147 - 000148	8/10/2010 10:26	8/11/2010 2:38	16:12	0 lbs of the total .9 lbs are authorized under permit # 20211	Butyl Polymer Baytown Plant, BPB	Flare Stack 12	FS12	NOX	0.90	13.15	Loss of compressor electrical motor for C-1 (methyl chloride compressor) resulted in shutdown of Butyl Polymer Plant. Portions of the unit emissions are authorized under Permit No. 20211.	1	
127839	ETSC 000134 - 000138; EOMCS 00232149 - 00232165	8/6/2009 14:45	8/7/2009 2:09	11:24	Not Specifically authorized	Baytown Chemical Plant	Flare Stack 12	FS12	NOX	1.00	13.15	Power surge and subsequent stabilization of operations lead to controlled partial shutdown and startup of various units. Portions of these units are permitted under Permits #20211, 4600 and #36476.	1	
152424	ETSC 000153 - 000154	3/24/2011 8:50	3/24/2011 14:25	5:35	Portions may be authorized under Permit #20211	Butyl Polymers, D-26H/5	Flare Stack 12	FS12	NOX	0.33	13.15	Vapor release due to open valve on line from reactor heads drums. Minimal associated flaring of ethylene. Portions of the unit emissions are authorized by Permit #20211. This event has ended.	1	
152760	ETSC 000155 - 000156	4/1/2011 3:57	4/1/2011 7:04	3:07	0 lbs of the total 10.06 lbs are authorized under Permit #20211	Butyl Polymer Baytown Plant	Flare Stack 12	FS12	NOX	10.06	13.15	Methyl chloride compressor C-1 tripped, resulting in subsequent flaring. Portions of the unit emissions are authorized under Permit No. 20211.	1	F, H
												TOTAL - NOX - LIMIT 13.15 - PERMIT 20211	4	1
102876	ETSC 000106 - 000107	1/26/2008 10:50	1/26/2008 13:55	3:05	Permit Nos. 36476 & PSD-TX-996M1 (Unauthorized = 0.0lbs)	Synthesis Gas Unit	Flare Stack 28	FS28	NOX	84.00	30.46	Control Valve malfunction resulted in flaring.	1	F, H
												NO REPEATED VIOLATION		
140499	ETSC 000141 - 000142	6/2/2010 10:30	6/2/2010 10:45	0:15	Portions may be authorized under the Permit #36476	SYNGAS Unit, Air Products and Chemicals, Inc. APCI	Flare Stack 28	FS28	NOX	2.28	41.91	During a strainer change at APCI, a pump cavitated. The subsequent unit upset resulted in acid gas flaring at FS28. This event has ended. Portions of the unit emissions are authorized by Permit #36476.	1	F, H
133644	ETSC 000139 - 000140	12/23/2009 2:00	12/23/2009 17:30	15:30	41.5 lbs of the 41.53 lbs are authorized (Permit #36476	SYNGAS Unit, SGU FS28	Flare Stack 28	FS28	Nox	51.99	41.99	During a planned unit startup, a restriction in a line resulted in flaring above permitted MSS hourly limits from Flare Stack 28. Hourly MSS permit limit for COS exceeded in the 04:00-4:59 clock hour but no RQs exceeded during this time period. During the 05:00-05:59 clock hour, H2S and SO2 hourly MSS permit limits were exceeded as well as the SO2 RQ. Portions of the unit are authorized under Permit #36476, PSD-TX 996M. Emissions event has ended.	1	F, H
												TOTAL - NOX - LIMIT 3.00 - PERMIT 36476	2	2
127839	ETSC 000134 - 000138; EOMCS 00232149 - 00232165	8/6/2009 14:45	8/7/2009 2:09	11:24	8 of 8 lbs are authorized by Permit 5259	Baytown Chemical Plant	Chemical Plant Furnaces		NOX	8.00	115.58	Power surge and subsequent stabilization of operations lead to controlled partial shutdown and startup of various units. Portions of these units are permitted under Permits #20211, 4600 and #36476.	already counted	
127839	ETSC 000134 - 000138; EOMCS 00232149 - 00232165	8/6/2009 14:45	8/7/2009 2:09	11:24	0.41 of 111 pounds authorized by Permit 4600	Baytown Chemical Plant	Fare Stack 24	FS24	NOX	111.00	116.81	Power surge and subsequent stabilization of operations lead to controlled partial shutdown and startup of various units. Portions of these units are permitted under Permits #20211, 4600 and #36476.	already counted	
127839	ETSC 000134 - 000138; EOMCS 00232149 - 00232165	8/6/2009 14:45	8/7/2009 2:09	11:24	0.33 of 170 pounds authorized by Permit 4600	Baytown Chemical Plant	Flare Stack 23	FS23	NOX	170.00	116.81	Power surge and subsequent stabilization of operations lead to controlled partial shutdown and startup of various units. Portions of these units are permitted under Permits #20211, 4600 and #36476.	1	F, H
114372	ETSC 000115 - 000116	9/22/2008 0:15	9/22/2008 5:00	4:45	Not Specifically authorized	Polypropylene Unit: Line 4	Flare Stack 23	FS23	NOX	41.00	116.81	While conducting a unit start-up at BAPP Line 4 following a unit shutdown for Hurricane Ike, an electrical component failed in a substation. This failure resulted in an automatic unit shutdown with associated flaring for safety and pressure control reasons. The event has ended. Portions of the Polypropylene Unit are authorized under Permit Nos. 4600 and 8586.	1	F, H
114463	ETSC 000117 - 000118	9/23/2008 6:45	9/23/2008 11:10	4:25	Not Specifically authorized	Polypropylene Unit: Line 6	Flare Stack 23	FS23	NOX	16.80	116.81	While conducting a unit start-up at BAPP Line 6 following a unit shutdown for Hurricane Ike, a compressor shut down, which resulted in propylene being sent to the flare system. The event has ended. Portions of the Polypropylene Unit are authorized under Permit Nos. 4600 and 8586.	1	F, H
142965	ETSC 000143 - 000144	7/30/2010 22:09	7/31/2010 1:21	3:12	0.2 of total of 10.8 lbs are authorized under permit 4600	Polypropylene Unit, Line 8	Flare Stack 23	FS23	NOX	10.60	116.81	Flaring due to system malfunction. Portions of this unit are covered under permits 8586 and 4600. All customer needs were met.	1	F, H
113195	ETSC 000110 - 000111	8/27/2008 10:15	8/27/2008 14:27	4:12	Not Specifically authorized	Polypropylene Unit: Line 7	Flare Stack 23	FS23	NOX	14.33	116.81	External mechanical seal failure on agitator. The event has ended. Portions of the Polypropylene Unit are authorized under Permit Nos. 4600 and 8586.	already counted	
113195	ETSC 000110 - 000111	8/27/2008 10:15	8/27/2008 14:27	4:12	Not Specifically authorized	Polypropylene Unit: Line 7	Flare Stack 24	FS24	NOX	10.41	116.81	External mechanical seal failure on agitator. The event has ended. Portions of the Polypropylene Unit are authorized under Permit Nos. 4600 and 8586.	1	F, H
114372	ETSC 000115 - 000116	9/22/2008 0:15	9/22/2008 5:00	4:45	Not Specifically authorized	Polypropylene Unit: Line 4	Flare Stack 24	FS24	NOX	5.50	116.81	While conducting a unit start-up at BAPP Line 4 following a unit shutdown for Hurricane Ike, an electrical component failed in a substation. This failure resulted in an automatic unit shutdown with associated flaring for safety and pressure control reasons. The event has ended. Portions of the Polypropylene Unit are authorized under Permit Nos. 4600 and 8586.	already counted	
114463	ETSC 000117 - 000118	9/23/2008 6:45	9/23/2008 11:10	4:25	Not Specifically authorized	Polypropylene Unit: Line 6	Flare Stack 24	FS24	NOX	1.00	116.81	While conducting a unit start-up at BAPP Line 6 following a unit shutdown for Hurricane Ike, a compressor shut down, which resulted in propylene being sent to the flare system. The event has ended. Portions of the Polypropylene Unit are authorized under Permit Nos. 4600 and 8586.	already counted	
142965	ETSC 000143 - 000144	7/30/2010 22:09	7/31/2010 1:21	3:12	1.2 of total of 2.6 lbs are authorized under permit 4600	Polypropylene Unit, Line 8	Flare Stack 24	FS24	NOX	1.40	116.81	Flaring due to system malfunction. Portions of this unit are covered under permits 8586 and 4600. All customer needs were met.	already counted	
127839	ETSC 000134 - 000138; EOMCS 00232149 - 00232165	8/6/2009 14:45	8/7/2009 2:09	11:24	1.24 of 3 pounds authorized by Permit 4600	Baytown Chemical Plant	Flare Stack 9	FS9	NOX	3.00	116.81	Power surge and subsequent stabilization of operations lead to controlled partial shutdown and startup of various units. Portions of these units are permitted under Permits #20211, 4600 and #36476.	already counted	
												TOTAL - NOX - LIMIT 116.81 - PERMIT 4600	5	5
77173	ETSC 000092 - 000093	6/15/2006 2:59	6/15/2006 3:17	0:18	Not Specifically authorized	Chemical Administration Building	Chemical Administration Building		OPACITY	100.00%	0.00%	Wood lawn structure caught fire and burned to ground. The structure is not part of an operating unit or process. The fire exceeded the opacity limit of 30 TAC 111.111(a)(8)(A).	1	S, H
127839	ETSC 000134 - 000138; EOMCS 00232149 - 00232165	8/6/2009 14:45	8/7/2009 2:09	11:24	Not Specifically authorized	Baytown Chemical Plant	Fare Stack 24	FS24	OPACITY	100.00%	0.00%	Power surge and subsequent stabilization of operations lead to controlled partial shutdown and startup of various units. Portions of these units are permitted under Permits #20211, 4600 and #36476.	already counted	
127839	ETSC 000134 - 000138; EOMCS 00232149 - 00232165	8/6/2009 14:45	8/7/2009 2:09	11:24	Not Specifically authorized	Baytown Chemical Plant	Flare Stack 12	FS12	OPACITY	100.00%	0.00%	Power surge and subsequent stabilization of operations lead to controlled partial shutdown and startup of various units. Portions of these units are permitted under Permits #20211, 4600 and #36476.	1	F, S, H
127839	ETSC 000134 - 000138; EOMCS 00232149 - 00232165	8/6/2009 14:45	8/7/2009 2:09	11:24	Not Specifically authorized	Baytown Chemical Plant	Flare Stack 23	FS23	Opacity	100.00%	0.00%	Power surge and subsequent stabilization of operations lead to controlled partial shutdown and startup of various units. Portions of these units are permitted under Permits #20211, 4600 and #36476.	already counted	
127839	ETSC 000134 - 000138; EOMCS 00232149 - 00232165	8/6/2009 14:45	8/7/2009 2:09	11:24	Not Specifically authorized	Baytown Chemical Plant	Flare Stack 9	FS9	OPACITY	100.00%	0.00%	Power surge and subsequent stabilization of operations lead to controlled partial shutdown and startup of various units. Portions of these units are permitted under Permits #20211, 4600 and #36476.	already counted	
												TOTAL - OPACITY - LIMIT 0% - PERMIT 4600	2	2
77173	ETSC 000092 - 000093	6/15/2006 2:59	6/15/2006 3:17	0:18	Not Specifically authorized	Chemical Administration Building	Chemical Administration Building		PM10	104.00	0.00	Wood lawn structure caught fire and burned to ground. The structure is not part of an operating unit or process. The fire exceeded the opacity limit of 30 TAC 111.111(a)(8)(A).	1	S, H
												NO REPEATED VIOLATION		
77173	ETSC 000092 - 000093	6/15/2006 2:59	6/15/2006 3:17	0:18	Not Specifically authorized	Chemical Administration Building	Chemical Administration Building		Sulfur Dioxide	3.00	0.00	Wood lawn structure caught fire and burned to ground. The structure is not part of an operating unit or process. The fire exceeded the opacity limit of 30 TAC 111.111(a)(8)(A).	1	
113885	ETSC 000112 - 000114	9/11/2008 11:00	9/17/2008 6:00	139:00	Not Specifically authorized	Chemical Plant	Flare Stack 28	FS28	Sulfur Dioxide	492.70	0.00	Scheduled shutdown of ExxonMobil Baytown Chemical Plant (BTCP) due to approach of Hurricane Ike. Portions of these units are permitted under Permits #20211, 4600 and #36476.	6	F
95950	ETSC 000065 - 000066	8/15/2007 3:40	8/15/2007 4:22	0:42	No specific emissions authorizations for this facility	Syngas Unit	Flare Stack 28	FS28	Sulfur Dioxide	4,080.00	0.00	During a rainstorm a lightning strike caused a temporary power disruption which resulted in damage to electrical components of the acid gas grid system. This damage lead to intermittent flaring. Duration of emissions was 42 minutes. Syngas Unit is authorized by Permit #36476/PSD-TX-996M1. Date Start Stop Duration 8/15/2007 3:18 3:21))3 min 8/15/2007 3:23 3:32 0:09 min 8/16/2007 14:03 14:11 0:08 min 8/16/2007 15:22 15:27 0:05 min 8/16/2007 15:36 15:39 0:03 min 8/16/2007 15:42 15:50 0:08 min 8/16/2007 15:51 15:57 0:06.	1	F, R-RQ
												TOTAL - SO2 - LIMIT 0 - PERMIT 36476	8	7
127839	ETSC 000134 - 000138; EOMCS 00232149 - 00232165	8/6/2009 14:45	8/7/2009 2:09	11:24	Portions are authorized by Permit 5259	Baytown Chemical Plant	NRU Furnace F9B	F9ANRU	Sulfur Dioxide	5.06	5.99	Power surge and subsequent stabilization of operations lead to controlled partial shutdown and startup of various units. Portions of these units are permitted under Permits #20211, 4600 and #36476.		
												NO REPEATED VIOLATION		

127839	ETSC 000134 - 000138; EOMCS 00232149 - 00232165	8/6/2009 14:45	8/7/2009 2:09	11:24	Portions are authorized by Permit 20211	Chemical Plant Furnaces			Sulfur Dioxide	17.00	33.83	Power surge and subsequent stabilization of operations lead to controlled partial shutdown and startup of various units. Portions of these units are permitted under Permits #20211, 4600 and #36476.	1	
												NO REPEATED VIOLATION		
127416	ETSC 000132 - 000133	7/28/2009 21:40	7/28/2009 22:12	0:32	67.72 lbs of the 1718.9 lbs are authorized (Permit #36476)	SYNGAS Unit	Flare Stack 28	FS28	Sulfur Dioxide	1,718.90	67.72	A spike in nitrogen pressure of key control valves lead to an automated diversion of a stream from the Clause system to flare stack 28 (permit # 36476, PSD-TX-996M1) for 37 minutes.	1	F, R-RQ, R-NZ
173019	ETSC 072777 - 072778	9/1/2012 4:57	9/1/2012 5:18	0:21	135.44 of 6718.7 lbs are authorized under Permit #36476/PSD-TX-996M1	Syngas Unit	Flare Stack 28	FS28	Sulfur Dioxide	6,583.30	67.72	Malfunction of control valve at Air Products Plant which led to flaring at FS-28. Portions of the emissions are authorized by permit number 36476/PSD-TX-996M1.	1	F, R-RQ, R-NZ
												TOTAL - SO2 - LIMIT 67.72 - PERMIT 36476	2	2
133644	ETSC 000139 - 000140	12/23/2009 2:00	12/23/2009 17:30	15:30	33145.72 lbs of the 52743.64 lbs are authorized (Permit #36476)	SYNGAS Unit, SGU FS28	Flare Stack 28	FS28	Sulfur Dioxide	52,743.64	2,768.94	During a planned unit startup, a restriction in a line resulted in flaring above permitted MSS hourly limits from Flare Stack 28. Hourly MSS permit limit for COS exceeded in the 04:00-4:59 clock hour but no RQs exceeded during this time period. During the 05:00-05:59 clock hour, H2S and SO2 hourly MSS permit limits were exceeded as well as the SO2 RQ. Portions of the unit are authorized under Permit #36476, PSD-TX 996M. Emissions event has ended.	1	F, R-RQ, R-NZ
155989	ETSC 000157 - 000158	6/21/2011 10:25	6/21/2011 23:19	12:54	3634.12 lbs out of the total 5094.18 lbs are authorized under Permit #36476	SYNGAS Unit (SGU)	Flare Stack 28	FS28	Sulfur Dioxide	1,460.06	2,768.94	Power disturbance caused Train 2 to trip resulting in Syngas and Air products unit shutdowns and subsequent flaring. Portions of the unit emissions are authorized under Permit #36476.	1	F, R-RQ
147288	ETSC 000149 - 000150	11/11/2010 5:03	11/11/2010 8:16	3:13	3936.6 lbs of the 7647.5 lbs are authorized (Permit #36476)	SYNGAS Unit (SGU) / Air Products and Chemicals	Flare Stack 28	FS28	Sulfur Dioxide	3,710.90	2,768.94	Unit shutdown at Air Products (APCI) resulted in flaring at Flare Stack 28. The SO2 RW qas not exceeded until 11/11/10 05:45. Portions of the unit are authorized under Permit #36476, PSD-TX 996M1. Emissions event has ended.	1	F, R-RQ
102876	ETSC 000106 - 000107	1/26/2008 10:50	1/26/2008 13:55	3:05	Permit Nos. 36476 & PSD-TX-996M1 (Unauthorized = 3522lbs)	Synthesis Gas Unit	Flare Stack 28	FS28	Sulfur Dioxide	11,540.00	2,768.94	Control Valve malfunction resulted in flaring.	1	F, R-RQ, R-NZ
140499	ETSC 000141 - 000142	6/2/2010 10:30	6/2/2010 10:45	0:15	Portions may be authorized under the Permit #36476	SYNGAS Unit, Air Products and Chemicals, Inc. APCI	Flare Stack 28	FS28	Sulfur Dioxide	2,132.90	2,768.94	During a strainer change at APCI, a pump cavitated. The subsequent unit upset resulted in acid gas flaring at FS28. This event has ended. Portions of the unit emissions are authorized by Permit #36476.	1	F, R-RQ
												TOTAL - SO2 - LIMIT 2768 - PERMIT 36476	5	5
77173	ETSC 000092 - 000093	6/15/2006 2:59	6/15/2006 3:17	0:18	Not Specifically authorized	Chemical Administration Building	Chemical Administration Building		TOTAL NOX: Nitrogen Dioxide, Nitrogen Oxide	8.00	0.00	Wood lawn structure caught fire and burned to ground. The structure is not part of an operating unit or process. The fire exceeded the opacity limit of 30 TAC 111.111(a)(8)(A).	1	H
77100	ETSC 000094 - 000095	6/14/2006 4:37	6/14/2006 9:10	4:33	Not Specifically authorized	Polypropylene Unit: Line 8	Flare Stack 23	FS23	TOTAL NOX: Nitrogen Dioxide, Nitrogen Oxide	68.00	0.00	Solenoid coil failure on reactor diverter valve, resulting in propylene flaring. Portions of this unit are authorized under permit #4600.	1	F, H
77100	ETSC 000094 - 000095	6/14/2006 4:37	6/14/2006 9:10	4:33	Not Specifically authorized	Polypropylene Unit: Line 8	Flare Stack 24	FS24	TOTAL NOX: Nitrogen Dioxide, Nitrogen Oxide	2.00	0.00	Solenoid coil failure on reactor diverter valve, resulting in propylene flaring. Portions of this unit are authorized under permit #4600.	already counted	
68234	ETSC 000049 - 000050	11/17/2005 22:45	11/18/2005 3:00	4:15	Not Specifically authorized	Propylene Concentration Unit	FS23	FS23	TOTAL NOX: Nitrogen Dioxide, Nitrogen Oxide	20.00	0.00	PCU motors C125 and C-130 shutdown due to internal failures resulting in flaring. Portions of PCU are authorized under Permit 4600 and Permit 9571.	1	F, H
68234	ETSC 000049 - 000050	11/17/2005 22:45	11/18/2005 3:00	4:15	Not Specifically authorized	Propylene Concentration Unit	FS24	FS24	TOTAL NOX: Nitrogen Dioxide, Nitrogen Oxide	2.20	0.00	PCU motors C125 and C-130 shutdown due to internal failures resulting in flaring. Portions of PCU are authorized under Permit 4600 and Permit 9571.	already counted	
68234	ETSC 000049 - 000050	11/17/2005 22:45	11/18/2005 3:00	4:15	Not Specifically authorized	Propylene Concentration Unit	FS9	FS9	TOTAL NOX: Nitrogen Dioxide, Nitrogen Oxide	12.00	0.00	PCU motors C125 and C-130 shutdown due to internal failures resulting in flaring. Portions of PCU are authorized under Permit 4600 and Permit 9571.	already counted	
												SUBTOTAL OF NOX - LIMIT 0 - PERMIT 4600	3	3
113195	ETSC 000110 - 000111	8/27/2008 10:15	8/27/2008 14:27	4:12	Not Specifically authorized	Polypropylene Unit: Line 7	7PA308 Analyzer Tubing		TOTAL VOC: Propylene (Propene)	27.00	0.00	External mechanical seal failure on agitator. The event has ended. Portions of the Polypropylene Unit are authorized under Permit Nos. 4600 and 8586.	1	H
113195	ETSC 000110 - 000111	8/27/2008 10:15	8/27/2008 14:27	4:12	Not Specifically authorized	Polypropylene Unit: Line 7	7PP420		TOTAL VOC: Propylene (Propene)	2.70	0.00	External mechanical seal failure on agitator. The event has ended. Portions of the Polypropylene Unit are authorized under Permit Nos. 4600 and 8586.	already counted	
114665	ETSC 000119 - 000120; EOMCS 00232182 - 00232186	9/26/2008 14:30	9/26/2008 15:27	0:57	Not Specifically authorized	Aromatics Extraction Unit	AXU Extract Line	N/A	TOTAL VOC: Benzene, Toluene, VOC, Xylene	127.11	0.00	While conducting start-up operations following Hurricane Ike, six small pinhole leaks developed on the line and resulted in emissions to the atmosphere. Portions of the Aromatics Extraction Unit are authorized under Permit No. 20211.	1	H, O-RQ, R-RQ
92944	ETSC 000067 - 000068	6/20/2007 17:00	6/20/2007 17:45	0:45	Not Specifically authorized	Polypropylene Unit: Line 8	BAPP Fugitive Emissions	BAPPFUG	TOTAL VOC: Propylene (Propene)	341.00	0.00	Pump seal leak. The event has ended. Portions of the Polypropylene Unit are authorized under Permit Nos. 4600 and 8586.	1	H, R-RQ
148767	ETSC 000151 - 000152	12/24/2010 1:18	12/24/2010 4:54	3:36	Not Specifically authorized	Aromatic Extraction Unit (AXU)	Bleeder Valve	NA	TOTAL VOC: Benzene, Butane, Ethylbenzene, Hexane, Octanes, Orthoxylene, Other, Pentane, Toluene, metaxylene, paraxylene	299.84	0.00	Spill from bleeder valve to atmosphere. Portions of unit emissions are authorized under permit @20211. Emissions event has ended.	1	H, O-RQ, R-RQ
83713	ETSC 000081	11/9/2006 7:49	11/9/2006 8:01	0:12	Not Specifically authorized	Butyl Unit; Bleeder Valve Leak	Bleeder Valve		TOTAL VOC: Hexane, Isobutylene, Methyl Chloride	5,496.00	0.00	Failure of bleeder valve on pump discharge pipe. Portions of the Butyl unit are authorized under permit number 20211.	1	H, R-RQ
113885	ETSC 000112 - 000114	9/11/2008 11:00	9/17/2008 6:00	139:00	Not Specifically authorized	Chemical Plant	Carbon Adsorber System	CASRHB	TOTAL VOC: Hexane	89.00	0.00	Scheduled shutdown of ExxonMobil Baytown Chemical Plant (BTCP) due to approach of Hurricane Ike. Portions of these units are permitted under Permits #20211, 4600 and #36476.	6	
68191	ETSC 000051 - 000052	11/17/2005 6:05	11/17/2005 10:05	4:00	Not Specifically authorized	Butyl Polymers Unit	Catalyst regulator valve	EF-003	TOTAL VOC: Methyl Chloride	1,089.00	0.00	Valve packing failure on catalyst control valve (EF-003). Portions of the Butyl Polymers plant are authorized under permit #20211.	1	
77173	ETSC 000092 - 000093	6/15/2006 2:59	6/15/2006 3:17	0:18	Not Specifically authorized	Chemical Administration Building	Chemical Administration Building		TOTAL VOC: Aldehydes, VOC	695.00	0.00	Wood lawn structure caught fire and burned to ground. The structure is not part of an operating unit or process. The fire exceeded the opacity limit of 30 TAC 111.111(a)(8)(A).	1	
66635	ETSC 000058	10/18/2005 8:09	10/18/2005 13:09	5:00	Not Specifically authorized	Naptha Rerun Unit	Column 8 Flange		TOTAL VOC: Benzene. Toluene	62.00	0.00	Gasket failure on flange in the Naptha Rerun Unit. Portions of the Naptha Rerun Unit are permitted under permit #5259 and permit #4600.	1	H
91125	ETSC 000071 - 000072	5/14/2007 7:05	5/18/2007 13:20	102:15	No specific emissions authorizations for this facility	Butyl Plant	D-208 Flash Tank Vent		TOTAL VOC: Isobutylene, Methyl Chloride	20.00	0.00	High vibration in compressor C-1 (methyl chloride compressor) resulted in multiple shutdowns. Portions of the Butyl Plant are authorized under Flexible Permits No. 4600 and 20211.	5	
91125	ETSC 000071 - 000072	5/14/2007 7:05	5/18/2007 13:20	102:15	No specific emissions authorizations for this facility	Butyl Plant	D-208 Pinhole Leak		TOTAL VOC: Isobutylene, Methyl Chloride	4.00	0.00	High vibration in compressor C-1 (methyl chloride compressor) resulted in multiple shutdowns. Portions of the Butyl Plant are authorized under Flexible Permits No. 4600 and 20211.	already counted	
114911	ETSC 000123 - 000124	10/2/2008 1:17	10/2/2008 3:38	2:21	Not Specifically authorized	Polypropylene Unit	Hole in DC5121	N/A	TOTAL VOC: Propylene (Propene)	8,100.00	0.00	Leak occurred due to hole in DC5121 dust collector. The event has ended. Portions of the Polypropylene Unit are authorized under Permit Nos. 4600 and 8586.	1	H, R-RQ
143032	ETSC 000145 - 000146	8/2/2010 7:55	8/2/2010 12:15	4:20	Not Specifically authorized	Isobutylene Unit	Hole in Pipe		TOTAL VOC: Isobutylene, VOC	184.07	0.00	Pinhole in pipe on line to Tank 4000. Portion of the unit is authorized by permit 20211.	1	
81544	ETSC 000084 - 000085	9/19/2006 22:40	9/19/2006 23:52	1:12	Not Specifically authorized	Propylene Concentration Unit	Hole in Pipe		TOTAL VOC: Propane, Propylene (Propene)	188.00	0.00	Hole in pipe due to corrosion. Portions of this unit are authorized under permit number 9571.	1	H, R-RQ
127839	ETSC 000134 - 000138; EOMCS 00232149 - 00232165	8/6/2009 14:45	8/7/2009 2:09	11:24	Not Specifically authorized	Baytown Chemical Plant	Pressure Relief Valve PO-7121A		TOTAL VOC: Propylene (Propene)	4.50	0.00	Power surge and subsequent stabilization of operations lead to controlled partial shutdown and startup of various units. Portions of these units are permitted under Permits #20211, 4600 and #36476.	already counted	
71894	ETSC 000102 - 000103	2/16/2006 20:23	2/16/2006 20:28	0:05	Not Specifically authorized	Butene Processing Unit	PS184 Disch Valve Bypass (OSF195)		TOTAL VOC: 1-Butene, 1,3-Butadiene, Butane, cis-Butene-2, Isobutane, Isobutylene, Trans 2-butene	405.00	0.00	Valve Packing Leak on PS184 bypass valve (OSF195). Portions of the Butene Processing Plant are authorized under permit #9571.	1	H, R-RQ

78040	ETSC 000090 - 000091	7/2/2006 18:10	7/3/2006 16:10	22:00	Not Specifically authorized	Butyl Polymers Unit	RGTO Inlet Piping		TOTAL VOC: Hexane	6.00	0.00	The inlet piping to the Butyl Finishing area Regenerative Thermal Oxidizer (RGTO) overpressured and burst. There were several small fires associated with this event. Power was lost to a portion of the Butyl Polymers plant and a partial unit shutdown was initiated. To maintain safe operating pressures within the equipment, the diluent system was depressured to the flare (FS12) resulting in methyl chloride, hydrogen chloride and products of combustion emissions. In addition, there were emissions associated with the unfinished rubber remaining in the process equipment. These emissions were from the open inlet piping associated with the RGTO and a rubber holding tank (TK0030) adjacent to the rubber finishing area. This unit is permitted in part by Permit 20211.	1	
78040	ETSC 000090 - 000091	7/2/2006 18:10	7/3/2006 16:10	22:00	Not Specifically authorized	Butyl Polymers Unit	Tank 30	TK0030	TOTAL VOC: Methyl Chloride	484.10	0.00	The inlet piping to the Butyl Finishing area Regenerative Thermal Oxidizer (RGTO) overpressured and burst. There were several small fires associated with this event. Power was lost to a portion of the Butyl Polymers plant and a partial unit shutdown was initiated. To maintain safe operating pressures within the equipment, the diluent system was depressured to the flare (FS12) resulting in methyl chloride, hydrogen chloride and products of combustion emissions. In addition, there were emissions associated with the unfinished rubber remaining in the process equipment. These emissions were from the open inlet piping associated with the RGTO and a rubber holding tank (TK0030) adjacent to the rubber finishing area. This unit is permitted in part by Permit 20211.	already counted	
166006	ETSC 068629 - 068630	3/14/2012 8:00	3/14/2012 8:32	0:32	Not Specifically authorized	Baytown Polypropylene Plant	Vent Stack 17		Total VOC: Propane, Propylene (Propene)	7,540.00	0.00	Incorrect line up of PO-6101. Portions of the unit emissions are authorized by Permit #8586. This event has ended.	1	H, R-RQ
114736	ETSC 000121 - 000122	9/28/2008 15:15	9/28/2008 15:17	0:02	Not Specifically authorized	Polypropylene Unit: Line 5	Vent Stack 17	VS-17	TOTAL VOC: Propane, Propylene (Propene)	2,310.00	0.00	While conducting a unit start-up at BAPP Line 5 following a unit shutdown for Hurricane Ike, a reactor overpressure resulted in propylene and propane being released to the atmosphere through a pressure relief valve. The release had a duration of 70 seconds and the event has ended. Portions of the Polypropylene Unit are authorized under Permit Nos. 4600 and 8586.	1	H, R-RQ
												TOTAL - VOC - LIMIT 0 - PERMIT 20211	26	11
91743	ETSC 000069 - 000070	5/28/2007 11:15	5/30/2007 1:50	38:35	Not Specifically authorized	Butyl Plant	Flare Stack 12	FS12	TOTAL VOC: Hexane, Isobutylene, Methyl Chloride	343.00	0.00	Methyl chloride and hexane entered a compressor knockout drum during a unit startup resulting in flaring. Event has ended. Portions of the Butyl Plant are authorized under Flexible Permits No. 4600 and 20211. Event started at 6:50pm on 5/27/07, but did not become reportable until 5/28/07 at 12:05. Main flaring ceased at ~18:50 5/27/07. A small amount of flaring occurred the next day (5/29/07) but did not exceed any RQs. This 5/29/07 flaring is also included because it is associated with the 5/27/07 flaring. Hours listed in Duration section do not include time periods when there were no unauthorized emissions.	2	F
91125	ETSC 000071 - 000072	5/14/2007 7:05	5/18/2007 13:20	102:15	No specific emissions authorizations for this facility	Butyl Plant	Flare Stack 12	FS12	TOTAL VOC: Isobutylene, Methyl Chloride	3,966.00	0.00	High vibration in compressor C-1 (methyl chloride compressor) resulted in multiple shutdowns. Portions of the Butyl Plant are authorized under Flexible Permits No. 4600 and 20211.	already counted	
113885	ETSC 000112 - 000114	9/11/2008 11:00	9/17/2008 6:00	139:00	Not Specifically authorized	Chemical Plant	Flare Stack 12	FS12	TOTAL VOC: Butane, Ethylene (gaseous), Isobutane, Isobutylene, Methyl Chloride, Propane, Propylene (Propene), VOC	260.00	0.00	Scheduled shutdown of ExxonMobil Baytown Chemical Plant (BTCP) due to approach of Hurricane Ike. Portions of these units are permitted under Permits #20211, 4600 and #36476.	already counted	
152424	ETSC 000153 - 000154	3/24/2011 8:50	3/24/2011 14:25	5:35	Not Specifically authorized	Line from Reactor Heads Drums D-26H/S	Flare Stack 12	FS12	TOTAL VOC: Ethylene (gaseous)	443.00	0.00	Vapor release due to open valve on line from reactor heads drums. Minimal associated flaring of ethylene. Portions of the unit emissions are authorized by Permit #20211. This event has ended.	already counted	
												TOTAL - VOC - LIMIT 0 - PERMIT 20211	2	2
113885	ETSC 000112 - 000114	9/11/2008 11:00	9/17/2008 6:00	139:00	Not Specifically authorized	Chemical Plant	Flare Stack 23	FS23	TOTAL VOC: Butane, Butene, Cis-2-butene, Ethylene (gaseous), Isobutane, Propane, Propylene (Propene), Trans-2-butene, VOC	4,356.20	0.00	Scheduled shutdown of ExxonMobil Baytown Chemical Plant (BTCP) due to approach of Hurricane Ike. Portions of these units are permitted under Permits #20211, 4600 and #36476.	already counted	F, H, R-RQ
113195	ETSC 000110 - 000111	8/27/2008 10:15	8/27/2008 14:27	4:12	Not Specifically authorized	Polypropylene Unit: Line 7	Flare Stack 23	FS23	TOTAL VOC: Propylene (Propene)	150.82	0.00	External mechanical seal failure on agitator. The event has ended. Portions of the Polypropylene Unit are authorized under Permit Nos. 4600 and 8586.	already counted	
88629	ETSC 000073 - 000074	3/20/2007 20:40	3/21/2007 2:29	5:49	Not Specifically authorized	Polypropylene Unit: Line 8	Flare stack 23	FS23	TOTAL VOC: Propylene (Propene)	175.00	0.00	Compressor C-8745 shut down due to a fault in a low suction pressure switch. The event has ended. Portions of the Propylene Unit are authorized under Permit Nos. 4600 and 8586.	1	F, H, R-RQ
83779	ETSC 000079 - 000080	11/12/2006 8:47	11/12/2006 10:55	2:08	Not Specifically authorized	Polypropylene Unit: Line 8	Flare Stack 23	FS23	TOTAL VOC: Propylene (Propene)	225.00	0.00	Safety relief valve on the 8753B transfer system relieved early. Portions of the Polypropylene Unit are authorized under Permit Nos. 4600 & 8586.	1	F, H, R-RQ
92944	ETSC 000067 - 000068	6/20/2007 17:00	6/20/2007 17:45	0:45	Not Specifically authorized	Polypropylene Unit: Line 8	Flare Stack 23	FS23	TOTAL VOC: Propylene (Propene)	1.00	0.00	Pump seal leak. The event has ended. Portions of the Polypropylene Unit are authorized under Permit Nos. 4600 and 8586.	already counted	
99726	ETSC 000059 - 000060	11/6/2007 1:42	11/6/2007 8:15	6:33	Not Specifically authorized	Propylene Concentration Unit	Flare Stack 23	FS23	TOTAL VOC: Propane, Propylene (Propene)	588.10	0.00	During line re-inventory, pump shutdown resulted in flaring. Event has ended. Portions of the PCU are authorized under permit #4600.	1	F, H, R-RQ
77100	ETSC 000094 - 000095	6/14/2006 4:37	6/14/2006 9:10	4:33	Not Specifically authorized	Polypropylene Unit: Line 8	Flare Stack 23	FS23	TOTAL VOC: Propylene (Propene)	711.00	0.00	Solenoid coil failure on reactor diverter valve, resulting in propylene flaring. Portions of this unit are authorized under permit #4600.	1	F, H, R-RQ
68234	ETSC 000049 - 000050	11/17/2005 22:45	11/18/2005 3:00	4:15	Not Specifically authorized	Propylene Concentration Unit	FS23	FS23	TOTAL VOC: Propane, Propylene (Propene)	210.00	0.00	PCU motors C125 and C-130 shutoff due to internal failures resulting in flaring. Portions of PCU are authorized under Permit 4600 and Permit 9571.	1	F, H, R-RQ
68234	ETSC 000049 - 000050	11/17/2005 22:45	11/18/2005 3:00	4:15	Not Specifically authorized	Propylene Concentration Unit	FS24	FS24	TOTAL VOC: Propane, Propylene (Propene)	17.50	0.00	PCU motors C125 and C-130 shutoff due to internal failures resulting in flaring. Portions of PCU are authorized under Permit 4600 and Permit 9571.	already counted	
113885	ETSC 000112 - 000114	9/11/2008 11:00	9/17/2008 6:00	139:00	Not Specifically authorized	Chemical Plant	Flare Stack 24	FS24	TOTAL VOC: Butane, Isobutane, Propane, Propylene (Propene), VOC	51.40	0.00	Scheduled shutdown of ExxonMobil Baytown Chemical Plant (BTCP) due to approach of Hurricane Ike. Portions of these units are permitted under Permits #20211, 4600 and #36476.	already counted	
113195	ETSC 000110 - 000111	8/27/2008 10:15	8/27/2008 14:27	4:12	Not Specifically authorized	Polypropylene Unit: Line 7	Flare Stack 24	FS24	TOTAL VOC: Propylene (Propene)	109.55	0.00	External mechanical seal failure on agitator. The event has ended. Portions of the Polypropylene Unit are authorized under Permit Nos. 4600 and 8586.	already counted	
77100	ETSC 000094 - 000095	6/14/2006 4:37	6/14/2006 9:10	4:33	Not Specifically authorized	Polypropylene Unit: Line 8	Flare Stack 24	FS24	TOTAL VOC: Propylene (Propene)	8.00	0.00	Solenoid coil failure on reactor diverter valve, resulting in propylene flaring. Portions of this unit are authorized under permit #4600.	already counted	
99726	ETSC 000059 - 000060	11/6/2007 1:42	11/6/2007 8:15	6:33	Not Specifically authorized	Propylene Concentration Unit	Flare Stack 24	FS24	TOTAL VOC: Propane, Propylene (Propene)	497.90	0.00	During line re-inventory, pump shutdown resulted in flaring. Event has ended. Portions of the PCU are authorized under permit #4600.	already counted	
76346	ETSC 000097 - 000098	5/25/2006 6:44	5/25/2006 20:00	13:16	Not Specifically authorized	Compressor C-8745; BAPP Line 8	Flare 24	FS24	TOTAL VOC: Propylene (Propene)	218.00	0.00	Compressor C-8745 malfunctioned during a controlled shutdown of Line 8 and caused venting to flare stack 24. Portions of this unit are authorized under permit 4600.	1	F, H, R-RQ
												TOTAL - VOC - LIMIT 0 - PERMIT 4600	6	6
95950	ETSC 000065 - 000066	8/15/2007 3:40	8/15/2007 4:22	0:42	No specific emissions authorizations for this facility	Syngas Unit	Flare Stack 28	FS28	TOTAL VOC: Methanol, Propane	1.03	0.00	During a rainstorm a lightning strike caused a temporary power disruption which resulted in damage to electrical components of the acid gas grid system. This damage lead to intermittent flaring. Duration of emissions was 42 minutes. Syngas Unit is authorized by Permit #36476/PSD-TX-996M1. Date Start Stop Duration 8/15/2007 3:18 3:21 j);3 min 8/15/2007 3:23 3:32 0:09 min 8/16/2007 14:03 14:11 0:08 min 8/16/2007 15:22 15:27 0:05 min 8/16/2007 15:36 15:39 0:03 min 8/16/2007 15:42 15:50 0:08 min 8/16/2007 15:51 15:57 0:06.	1	F
												TOTAL - VOC - LIMIT 0 - PERMIT 36476	1	1

113195	ETSC 000110 - 000111	8/27/2008 10:15	8/27/2008 14:27	4:12	Not Specifically authorized	Polypropylene Unit: Line 7	Flare Stack 9	FS09	TOTAL VOC: Propylene (Propene)	0.02	0.00	External mechanical seal failure on agitator. The event has ended. Portions of the Polypropylene Unit are authorized under Permit Nos. 4600 and 8586.	already counted	
68234	ETSC 000049 - 000050	11/17/2005 22:45	11/18/2005 3:00	4:15	Not Specifically authorized	Propylene Concentration Unit	FS9	FS9	TOTAL VOC: Propane, Propylene (Propene)	123.00	0.00	PCU motors C125 and C-130 shutoff due to internal failures resulting in flaring. Portions of PCU are authorized under Permit 4600 and Permit 9571.	already counted	
												NO REPEATED VIOLATION		
127416	ETSC 000132 - 000133	7/28/2009 21:40	7/28/2009 22:12	0:32	0.1 lbs of the 0.54 lbs are authorized (Permit #36476)	SYNGAS Unit	Flare Stack 28	FS28	TOTAL VOC: Propylene (Propene)	0.54	0.10	A spike in nitrogen pressure of key control valves lead to an automated diversion of a stream from the Clause system to flare stack 28 (permit # 36476, PSD-TX-996M1) for 37 minutes.	1	F, H, R-RQ
173019	ETSC 072777 - 072778	9/1/2012 4:57	9/1/2012 5:18	0:21	0.123 of 0.557 lbs are authorized under Permit #36476/PSD-TX-996M1	Syngas Unit	Flare Stack 28	FS28	TOTAL VOC: VOC (unspciated)	0.43	0.10	Malfunction of control valve at Air Products Plant which led to flaring at FS-28. Portions of the emissions are authorized by permit number 36476/PSD-TX-996M1.	1	F, R-RQ
												TOTAL - VOC - LIMIT 0.10 - PERMIT 36476	2	2
140499	ETSC 000141 - 000142	6/2/2010 10:30	6/2/2010 10:45	0:15	Portions may be authorized under the Permit #36476	SYNGAS Unit, Air Products and Chemicals, Inc. APCI	Flare Stack 28	FS28	TOTAL VOC: VOC	0.29	3.31	During a strainer change at APCI, a pump cavitated. The subsequent unit upset resulted in acid gas flaring at FS28. This event has ended. Portions of the unit emissions are authorized by Permit #36476.	1	
133644	ETSC 000139 - 000140	12/23/2009 2:00	12/23/2009 17:30	15:30	33145.72 lbs of the 52743.64 lbs are authorized (Permit #36476)	SYNGAS Unit, SGU FS28	Flare Stack 28	FS28	Total VOC: Propane	2.83	3.31	During a planned unit startup, a restriction in a line resulted in flaring above permitted MSS hourly limits from Flare Stack 28. Hourly MSS permit limit for COS exceeded in the 04:00-4:59 clock hour but no RQs exceeded during this time period. During the 05:00-05:59 clock hour, H2S and SO2 hourly MSS permit limits were exceeded as well as the SO2 RQ. Portions of the unit are authorized under Permit #36476, PSD-TX 996M. Emissions event has ended.	1	F
												TOTAL - VOC - LIMIT 3.31 - PERMIT 36476	2	1
126665	ETSC 000130 - 000131	7/10/2009 13:00	7/10/2009 21:00	8:00	Not Specifically authorized	BAPP; FLARE LOOP	Flare Stack 24	FS24	TOTAL VOC: Propylene (Propene)	69.40	10.60	Propylene flush to R5101 open during R5101 purge (Permit # 8586).	already counted	
												NO REPEATED VIOLATION		
126665	ETSC 000130 - 000131	7/10/2009 13:00	7/10/2009 21:00	8:00	Not Specifically authorized	BAPP; FLARE LOOP	Flare Stack 23	FS23	TOTAL VOC: Propylene (Propene)	749.00	113.90	Propylene flush to R5101 open during R5101 purge (Permit # 8586).	1	F, H, R-RQ
												NO REPEATED VIOLATION		
127839	ETSC 000134 - 000138; EOMCS 00232149 - 00232165	8/6/2009 14:45	8/7/2009 2:09	11:24	Not Specifically authorized	Baytown Chemical Plant	Flare Stack 12	FS12	TOTAL VOC: Isobutylene	159.00	169.45	Power surge and subsequent stabilization of operations lead to controlled partial shutdown and startup of various units. Portions of these units are permitted under Permits #20211, 4600 and #36476.	1	F
												NO REPEATED VIOLATION		
127839	ETSC 000134 - 000138; EOMCS 00232149 - 00232165	8/6/2009 14:45	8/7/2009 2:09	11:24	214.68 of 2,271 pounds authorized by Permit 4600	Baytown Chemical Plant	Fare Stack 24	FS24	TOTAL VOC: Butane, Butene, Cis-2-butene, Ethylene (gaseous), Isobutane, Propane, Propylene (Propene), Trans-2-butene, VOC	2,271.00	1,731.12	Power surge and subsequent stabilization of operations lead to controlled partial shutdown and startup of various units. Portions of these units are permitted under Permits #20211, 4600 and #36476.	already counted	
142965	ETSC 000143 - 000144	7/30/2010 22:09	7/31/2010 1:21	3:12	2.5 of total of 113.8 lbs are authorized under permit 4600	Polypropylene Unit, Line 8	Flare Stack 23	FS23	TOTAL VOC	111.30	1,731.12	Flaring due to system malfunction. Portions of this unit are covered under permits 8586 and 4600. All customer needs were met.	1	F
127839	ETSC 000134 - 000138; EOMCS 00232149 - 00232165	8/6/2009 14:45	8/7/2009 2:09	11:24	404 of 4,217 pounds authorized by Permit 4600	Baytown Chemical Plant	Flare Stack 23	FS23	TOTAL VOC: Butane, Butene, Cis-2-butene, Ethylene (gaseous), Isobutane, Propane, Propylene (Propene), Trans-2-butene, VOC	4,217.00	1,731.12	Power surge and subsequent stabilization of operations lead to controlled partial shutdown and startup of various units. Portions of these units are permitted under Permits #20211, 4600 and #36476.	1	F, H, R-RQ
114372	ETSC 000115 - 000116	9/22/2008 0:15	9/22/2008 5:00	4:45	Not Specifically authorized	Polypropylene Unit: Line 4	Flare Stack 23	FS23	TOTAL VOC: Propylene (Propene)	431.70	1,731.12	While conducting a unit start-up at BAPP Line 4 following a unit shutdown for Hurricane Ike, an electrical component failed in a substation. This failure resulted in an automatic unit shutdown with associated flaring for safety and pressure control reasons. The event has ended. Portions of the Polypropylene Unit are authorized under Permit Nos. 4600 and 8586.	1	F, H, R-RQ
114463	ETSC 000117 - 000118	9/23/2008 6:45	9/23/2008 11:10	4:25	Not Specifically authorized	Polypropylene Unit: Line 6	Flare Stack 23	FS23	TOTAL VOC: Propylene (Propene)	176.70	1,731.12	While conducting a unit start-up at BAPP Line 6 following a unit shutdown for Hurricane Ike, a compressor shut down, which resulted in propylene being sent to the flare system. The event has ended. Portions of the Polypropylene Unit are authorized under Permit Nos. 4600 and 8586.	1	F, H, R-RQ
142965	ETSC 000143 - 000144	7/30/2010 22:09	7/31/2010 1:21	3:12	12.6 of total of 27.8 lbs are authorized under permit 4600	Polypropylene Unit, Line 8	Flare Stack 24	FS24	TOTAL VOC: Propylene (Propene)	15.20	1,731.12	Flaring due to system malfunction. Portions of this unit are covered under permits 8586 and 4600. All customer needs were met.	already counted	
114372	ETSC 000115 - 000116	9/22/2008 0:15	9/22/2008 5:00	4:45	Not Specifically authorized	Polypropylene Unit: Line 4	Flare Stack 24	FS24	TOTAL VOC: Propylene (Propene)	57.60	1,731.12	While conducting a unit start-up at BAPP Line 4 following a unit shutdown for Hurricane Ike, an electrical component failed in a substation. This failure resulted in an automatic unit shutdown with associated flaring for safety and pressure control reasons. The event has ended. Portions of the Polypropylene Unit are authorized under Permit Nos. 4600 and 8586.	already counted	
114463	ETSC 000117 - 000118	9/23/2008 6:45	9/23/2008 11:10	4:25	Not Specifically authorized	Polypropylene Unit: Line 6	Flare Stack 24	FS24	TOTAL VOC: Propylene (Propene)	10.40	1,731.12	While conducting a unit start-up at BAPP Line 6 following a unit shutdown for Hurricane Ike, a compressor shut down, which resulted in propylene being sent to the flare system. The event has ended. Portions of the Polypropylene Unit are authorized under Permit Nos. 4600 and 8586.	already counted	
127839	ETSC 000134 - 000138; EOMCS 00232149 - 00232165	8/6/2009 14:45	8/7/2009 2:09	11:24	Not Specifically authorized	Baytown Chemical Plant	Flare Stack 9	FS9	TOTAL VOC: Butane, Butene, Cis-2-butene, Ethylene (gaseous), Isobutane, Propane, Propylene (Propene), Trans-2-butene, VOC	86.00	1,731.12	Power surge and subsequent stabilization of operations lead to controlled partial shutdown and startup of various units. Portions of these units are permitted under Permits #20211, 4600 and #36476.	already counted	
142965	ETSC 000143 - 000144	7/30/2010 22:09	7/31/2010 1:21	3:12	0 of total of 0.1 lbs are authorized under permit 4600	Polypropylene Unit, Line 8	Flare Stack 9	FS9	TOTAL VOC: Propylene (Propene)	0.10	1,731.12	Flaring due to system malfunction. Portions of this unit are covered under permits 8586 and 4600. All customer needs were met.	already counted	
												TOTAL - VOC - LIMIT 1731.12 - PERMIT 4600	4	4
166583	ETSC 068631 - 068632	3/29/2012 0:04	3/29/2012 9:59	9:55	568.95 lbs of the 659 lbs are authorized by Permit 20213	Butyl Plant	Flare Stack 12	FS12	TOTAL VOC: Butanes, Hexane, Isobutylene, Methyl Chloride, Propadiene, Propane	90.05	2,137.54	Compressor C-1 (methyl chloride compressor) tripped. Portions of the Butyl Plant emissions were authorized by permit #20211. This event has ended.	1	F
152760	ETSC 000155 - 000156	4/1/2011 3:57	4/1/2011 7:04	3:07	6.04 lbs of the total 214.36 lbs are authorized under Permit #20211	Butyl Polymer Baytown Plant	Flare Stack 12	FS12	TOTAL VOC: Hexane, Isobutylene, Isoprene, Methyl Chloride	208.32	2,137.54	Methyl chloride compressor C-1 tripped, resulting in subsequent flaring. Portions of the unit emissions are authorized under Permit No. 20211.	1	F
143387	ETSC 000147 - 000148	8/10/2010 10:26	8/11/2010 2:38	16:12	55.76 lbs of the total 330.7 lbs are authorized under permit # 20211	Butyl Polymer Baytown Plant, BPB	Flare Stack 12	FS12	TOTAL VOC: Hexane, Isobutylene, Isoprene, Methyl Chloride	480.24	2,137.54	Loss of compressor electrical motor for C-1 (methyl chloride compressor) resulted in shutdown of Butyl Polymer Plant. Portions of the unit emissions are authorized under Permit No. 20211.	1	F
152424	ETSC 000153 - 000154	3/24/2011 8:50	3/24/2011 14:25	5:35	Portions may be authorized under Permit #20211	Butyl Polymers, D-26H/S	Flare Stack 12	FS12	TOTAL VOC: Ethylene (gaseous)	5.98	2,137.54	Vapor release due to open valve on line from reactor heads drums. Minimal associated flaring of ethylene. Portions of the unit emissions are authorized by Permit #20211. This event has ended.	1	F, H
143387	ETSC 000147 - 000148	8/10/2010 10:26	8/11/2010 2:38	16:12	Portion may be authorized under permit #20211	Butyl Polymer Baytown Plant, BPB	Tank 19	TK 0019	TOTAL VOC: Hexane	39.74	2,137.54	Loss of compressor electrical motor for C-1 (methyl chloride compressor) resulted in shutdown of Butyl Polymer Plant. Portions of the unit emissions are authorized under Permit No. 20211.	already counted	
												TOTAL - VOC - LIMIT 2137.54 - PERMIT 20211	4	4
														TOTAL TRACEABLE DAYS OF VIOLATION: 152